



Approved for use through 03/31/2007. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

(Use as many sheets as necessary)

Sheet	1	of	2
-------	---	----	---

Complete if Known

Application Number	10/586,786
Filing Date	01/20/2005
First Named Inventor	Estévez Company, Carlos
Art Unit	
Examiner Name	
Attorney Docket Number	14455.857

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)			
/S.W./		WO 02/072519 A2	09/19/2002	Earle, Martyn, John	Examples 2-5
/S.W./		WO 03/028882 A1	04/10/2003	Hardacre, Christopher	Claims, pp. 25-30

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/068 (09-06)
Approved for use through 03/31/2007. OMB 0651-0031
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	10/586,786
		Filing Date	October 26, 2006
		First Named Inventor	Estévez Company, Carles
		Art Unit	
		Examiner Name	
Sheet 2	of 2	Attorney Docket Number	14455.857

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/S.W./		S. GMOUH et al., "Activation of Bismuth (III) Derivatives in Ionic Liquids: Novel and Recyclable Catalytic Systems for Friedel-Crafts Acylation of Aromatic Compounds", Org. Lett., 2003, pp. 2219-2222, vol. 5, no. 13, American Chemical Society, USA	<input type="checkbox"/>
		V.D. SARCA et al., "Triflic acid-promoted transacylation and deacylation reactions in ionic liquid solvents", Green Chemistry, 2004, pp. 245-248, vol. 6, no. 5, The Royal Society of Chemistry, United Kingdom	<input type="checkbox"/>
		J. ROSS et al., "Friedel-Crafts acylation reactions using metal triflates in ionic liquids", Green Chemistry, 2002, pp. 129-133, vol 4, no. 2, The Royal Society of Chemistry, United Kingdom	<input type="checkbox"/>
		T. WELTON, "Room-Temperature Ionic Liquids. Solvents for Synthesis and Catalysis." Chem. Rev., 1999, pp. 2071-2083, vol. 99, no. 8, American Chemical Society, USA.	<input type="checkbox"/>
		R. SHELDON, "Catalytic reactions in ionic liquids", Chem. Commun., 2001, pp. 2399-2407, vol. 23, The Royal Society of Chemistry, United Kingdom	<input type="checkbox"/>
		Institut Univ. de Ciencia Y Tecnologia, Estevez Company, Carles y otros, PCT Informe de Busqueda Internacional, 2005, Spain	<input type="checkbox"/>
/S.W./		PCT (Elena Davila Muro), Opinion Escrita de la Administracion Encargada de la Busqueda Internacional, April 29, 2005, Oficina Espanola de Patentes y Marcas, Spain	<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

Examiner Signature	/Sikarl Witherspoon/	Date Considered	10/10/2008
--------------------	----------------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known		
		Application Number	WO 2005/070861 A1	
		Filing Date	October 24, 2006	
		First Named Inventor		
		Art Unit		
		Examiner Name		
Sheet		of	Attorney Docket Number	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		THOUH et al., "Activation of Bismuth (III) Derivatives in Ionic Liquids: Novel and Recyclable Catalytic Systems for Friedel-Crafts Acylation of Aromatic Compounds", <i>Orthesis</i>	
		V.D. SARCA et al., "Triflic acid-promoted transacylation and deacylation reactions in ionic liquid solvents", <i>Green Chemistry</i> 2004, vol. 6, no. 5, The Royal Society of Chemis	
		J. ROSS et al., "Friedel-Crafts acylation reactions using metal triflates in ionic liquids", <i>Green Chemistry</i> 2002, vol 4, no. 2,	

Examiner Signature	/Sikari Witherspoon/	Date Considered	10/10/2008
-----------------------	----------------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.